Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041423.D
Acq On : 24 Jun 2019 15:12
Operator : HP/JU
Sample : K2241-09
Misc : MDL-WATER-8.0PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-MDL-WATER-03-QT2-2019

Manual Integrations APPROVED
mohammad
6/28/2019 8:24:27 AM

Quant Time: Jun 25 05:35:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	23357	20.00	ng		-0.04
21) Naphthalene-d8	10.86	136	88533	20.00	ng		-0.05
39) Acenaphthene-d10	14.68	164	64202	20.00	ng		-0.04
64) Phenanthrene-d10	17.43	188	172378	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	191004	20.00	ng		-0.04
87) Perylene-d12	24.99	264	194336	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	161305	126.89	ng		-0.05
7) Phenol-d6	7.20	99	229366	124.48	ng		-0.04
23) Nitrobenzene-d5	9.22	82	185708	88.22	ng		-0.04
42) 2,4,6-Tribromophenol	16.17	330	148977	151.15	ng		-0.03
45) 2-Fluorobiphenyl	13.30	172	450525	95.38	ng		-0.04
79) Terphenyl-d14	20.03	244	932414	96.74	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	4620	7.248	ng		94
3) Pyridine	3.86	79	10269m	6.073	ng		
4) n-Nitrosodimethylamine	3.78	42	5762m	6.390	ng		
6) Aniline	7.37	93	16273	6.354	ng	#	88
8) 2-Chlorophenol	7.60	128	11030	7.385	ng		96
9) Benzaldehyde	7.20	77	11618	9.858	ng		89
10) Phenol	7.22	94	13757	6.943	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	11405	7.586	ng		89
12) 1,3-Dichlorobenzene	7.92	146	12936	6.917	ng		90
13) 1,4-Dichlorobenzene	8.08	146	13304	6.964	ng		94
14) 1,2-Dichlorobenzene	8.39	146	12678	6.948	ng		98
15) Benzyl Alcohol	8.29	79	6954	3.939	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.57	45	17206	6.991	ng		97
17) 2-Methylphenol	8.49	107	10367	7.318	ng		85
18) Hexachloroethane	9.12	117	4821	6.368	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	10310	6.918	ng	#	96
20) 3+4-Methylphenols	8.83	107	12762	6.767	ng		94
22) Acetophenone	8.88	105	21715	8.429	ng	#	94
24) Nitrobenzene	9.26	77	17280	8.162	ng		93
25) Isophorone	9.77	82	29433	7.621	ng		96
26) 2-Nitrophenol	9.99	139	5979	6.966	ng		94
27) 2,4-Dimethylphenol	10.03	122	9987	7.762	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	14035	6.975	ng		99
29) 2,4-Dichlorophenol	10.53	162	10544	6.609	ng		92
30) 1,2,4-Trichlorobenzene	10.72	180	15825	7.745	ng		86
31) Naphthalene	10.91	128	37096	7.710	ng	#	97
33) 4-Chloroaniline	11.05	127	12690	6.210	ng	#	89
34) Hexachlorobutadiene	11.17	225	11584	7.143	ng		95
35) Caprolactam	11.82	113	3342	6.085	ng	#	70
36) 4-Chloro-3-methylphenol	12.15	107	13531	7.343	ng	#	80
37) 2-Methylnaphthalene	12.52	142	27961	7.890	ng		98
38) 1-Methylnaphthalene	12.74	142	26719	7.880	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	21556	8.131	ng		99
41) Hexachlorocyclopentadiene	12.84	237	8720	4.883	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.13	196	11468	6.993 ng		96
44) 2,4,5-Trichlorophenol	13.21	196	11832	7.012 ng	#	85
46) 1,1'-Biphenyl	13.52	154	40580	8.361 ng		100
47) 2-Chloronaphthalene	13.57	162	31551	7.550 ng		95
48) 2-Nitroaniline	13.79	65	10553	6.896 ng		94
49) Acenaphthylene	14.41	152	51021	8.046 ng		98
50) Dimethylphthalate	14.13	163	44654	7.817 ng		99
51) 2,6-Dinitrotoluene	14.26	165	9449	7.845 ng		95
52) Acenaphthene	14.75	154	29308	7.871 ng		97
53) 3-Nitroaniline	14.62	138	7517	6.334 ng		80
54) 2,4-Dinitrophenol	14.85	184	2044m	7.063 ng		
55) Dibenzofuran	15.08	168	54169	8.367 ng		94
56) 4-Nitrophenol	14.96	139	3228	6.652 ng	#	66
57) 2,4-Dinitrotoluene	15.06	165	13330	7.571 ng	#	98
58) Fluorene	15.73	166	42298	8.306 ng		94
59) 2,3,4,6-Tetrachlorophenol	15.31	232	14510	8.315 ng	#	97
60) Diethylphthalate	15.48	149	47070	8.107 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	25719	7.762 ng		97
62) 4-Nitroaniline	15.78	138	8075m	6.362 ng		
63) Azobenzene	16.01	77	42646	8.233 ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	6419	5.737 ng		97
66) n-Nitrosodiphenylamine	15.93	169	37354	8.161 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	16837	7.554 ng	#	88
68) Hexachlorobenzene	16.73	284	18287	7.662 ng		99
69) Atrazine	16.88	200	16239	7.502 ng		98
70) Pentachlorophenol	17.11	266	5208	4.261 ng		92
71) Phenanthrene	17.47	178	76936	8.368 ng		96
72) Anthracene	17.57	178	78455	8.656 ng		99
73) Carbazole	17.84	167	62843	7.926 ng		97
74) Di-n-butylphthalate	18.36	149	81322	8.220 ng	#	96
75) Fluoranthene	19.48	202	104129	8.526 ng		98
77) Benzidine	19.67	184	35090	7.595 ng		98
78) Pyrene	19.85	202	106564	8.273 ng		98
80) Butylbenzylphthalate	20.71	149	36747	7.542 ng		97
81) Benzo(a)anthracene	21.68	228	101390	7.840 ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	35972	7.924 ng		98
83) Chrysene	21.75	228	104480	8.401 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	50269	7.571 ng	#	95
85) Di-n-octyl phthalate	22.77	149	85625	7.622 ng		97
86) Indeno(1,2,3-cd)pyrene	28.75	276	106912	7.245 ng	#	96
88) Benzo(b)fluoranthene	23.93	252	96002	7.971 ng		98
89) Benzo(k)fluoranthene	24.00	252	98516	8.257 ng		98
90) Benzo(a)pyrene	24.83	252	95084	8.360 ng		96
91) Dibenzo(a,h)anthracene	28.82	278	90493	7.903 ng	#	98
92) Benzo(g,h,i)perylene	29.93	276	92000	8.130 ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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